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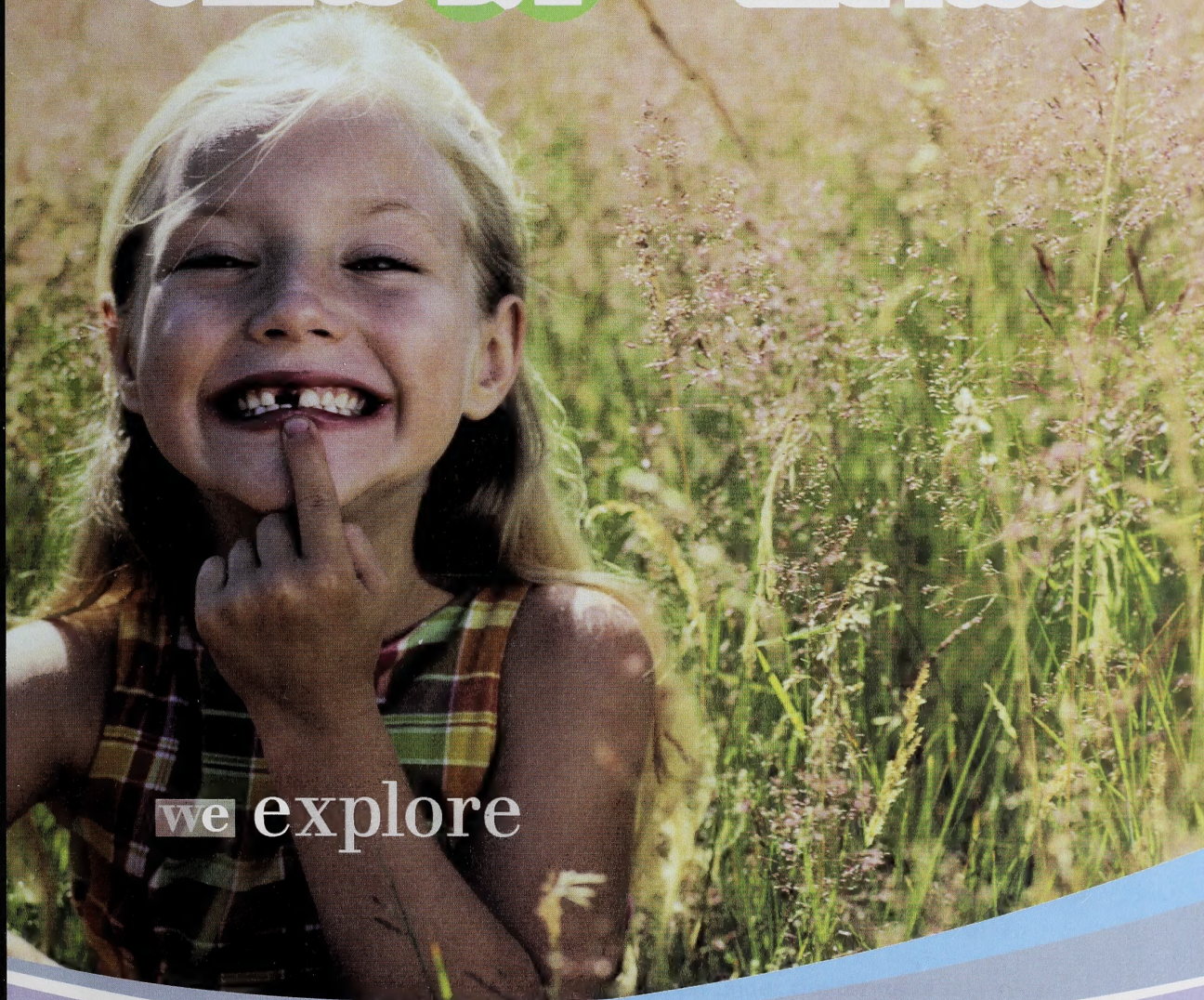
Learn  veryWare

Math 4

Units 3,4



Quizzes and Tests



we explore

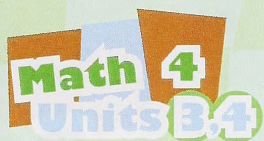
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Math 4 Learn EveryWare – Units 3 and 4 Tests & Quizzes
ISBN: 978-0-7741-3066-0

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Creator
Wayne Poncia

Author
Michelle Gainer

Contributing Authors
Grant Mellemstrand
Lisa Read
Nancy Claire Duchaine

Senior Editor
Dr. Mary Ellen Bafumo

Editor
Mary Dillon

Project Manager
Lara Fisher

Production Manager
Sandi van Katwijk

Print Design Coordinator
Carrie Burke

Animators
Rob Jones
Stephen McCallum

Multimedia Designer
Troy Lemberg

Senior Developer
Jenny van Hoof

Publisher K - 12
Dr. Barry Carbol

Publisher Professional Development
Dr. Elizabeth Childs

Math Editors
Harvey Knapp
Wayne Loutet

Proofreader
Leelan Stanjek

Assistant Project Coordinator
Julia Schenck

Product Coordinator
Robert Bailey

Production Designers
Francisco Cumayas
Jacqueline Rimmer
Livi Peicu
Sherif Sidky

Flash Developers
Harry Kim
Ryan Thomson

Illustrator
Ingrid Mesquita

Etraffic Press® would like to acknowledge the production and project teams of Etraffic Solutions™ Inc. and The Distributed Learning Resources Branch for their contributions to the project management, design, editing and development of this publication.

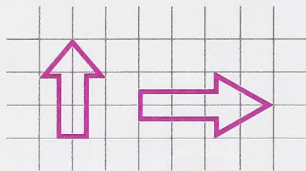
Math 4
Unit 3

Quiz
Lesson 1

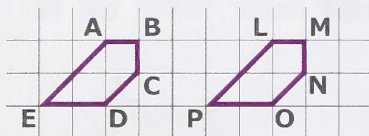


Congruence

1. Are the shapes congruent?



For 2 - 5: Identify the corresponding parts of the given congruent figures.



2. **E** corresponds to _____
3. side **AB** corresponds to side _____
4. **B** corresponds to _____
5. side **EA** corresponds to side _____
6. Use the grid paper to draw an image congruent to the given shape.



Math 4
Unit 3

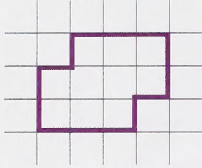
Quiz 1
Lesson 2



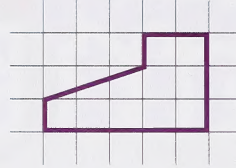
**Estimating
Area**

For 1 - 4: Estimate the area of the figures.

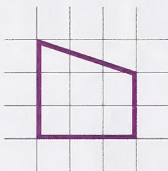
1.



2.



3.



4.



5. Would you measure a bedspread in square metres or square centimetres?

Math 4 Unit 3

Quiz Lesson 3



Area of Rectangles

For 1 - 4: Create one rectangle that has the given area. Draw and label the sides.

1. 14 square units

2. 10 square units

3. 30 square units

4. 28 square units

For 5 - 6: Create as many rectangles as you can for the given area. Draw each and label the sides.

5. 12 square units

6. 16 square units

Math 4
Unit 3

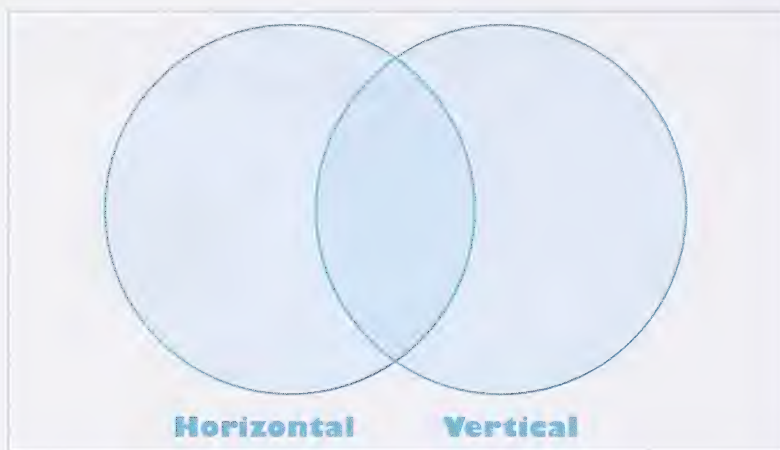
Quiz
Lesson 4



Symmetry

1. Use the Venn diagram to sort the figures based on the type of symmetry: horizontal symmetry or vertical symmetry.

Figures:



2. Complete the other half of the figure so that the two halves are symmetrical.



Draw all the lines of symmetry for each figure below.

3.

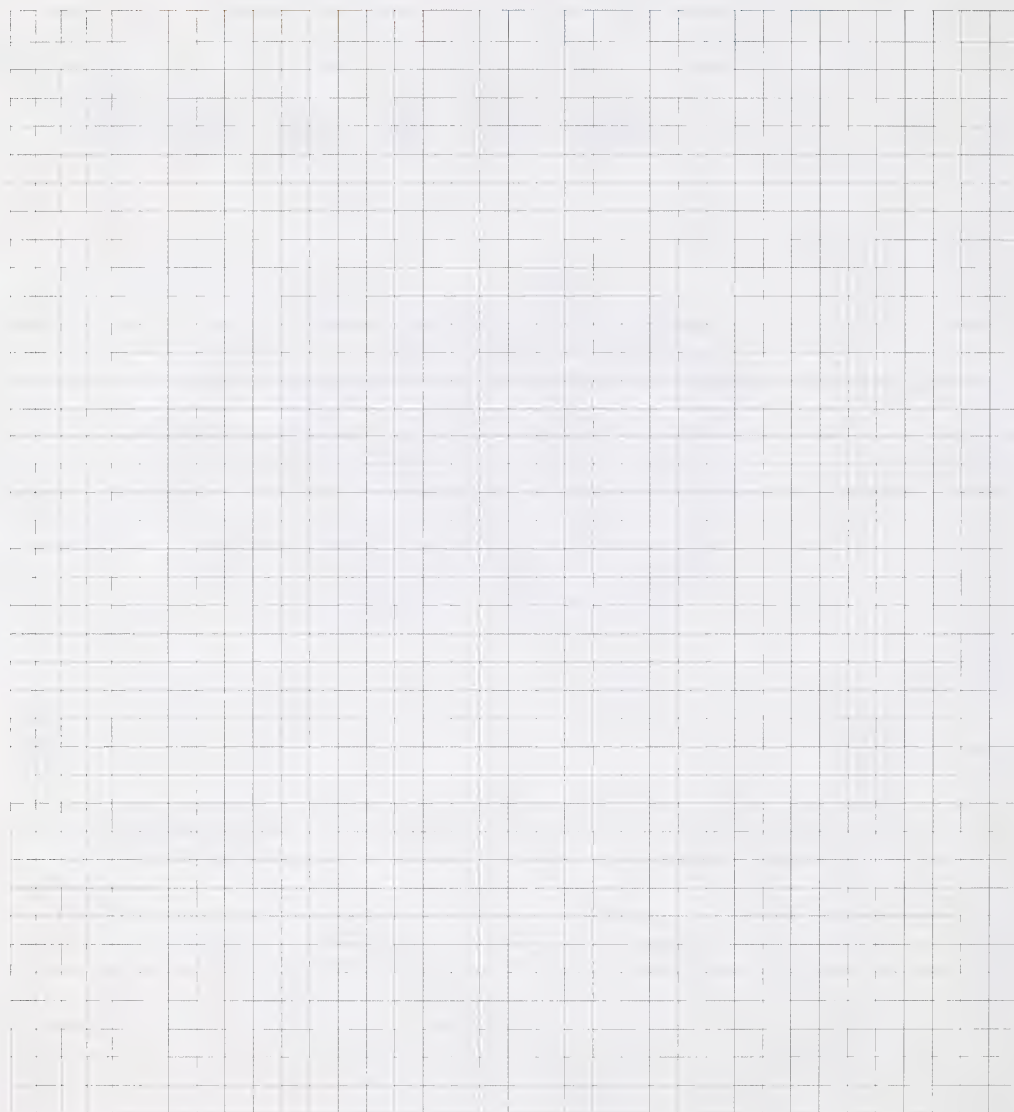


4.



5.





Math 4
Unit 3

Quiz 1
Lesson 5



Time

For 1 - 2: Is it AM or PM?

1. It is dark. People are going into a concert. _____
2. Children are going in for the start of the school day. _____

For 3 - 4: What time is displayed on the clock? Describe the time in words and write the numeric time.

3.



You would say:

You would write: _____

4.



You would say: _____

You would write: _____

For 5-7: Name the date on the calendar in these formats:

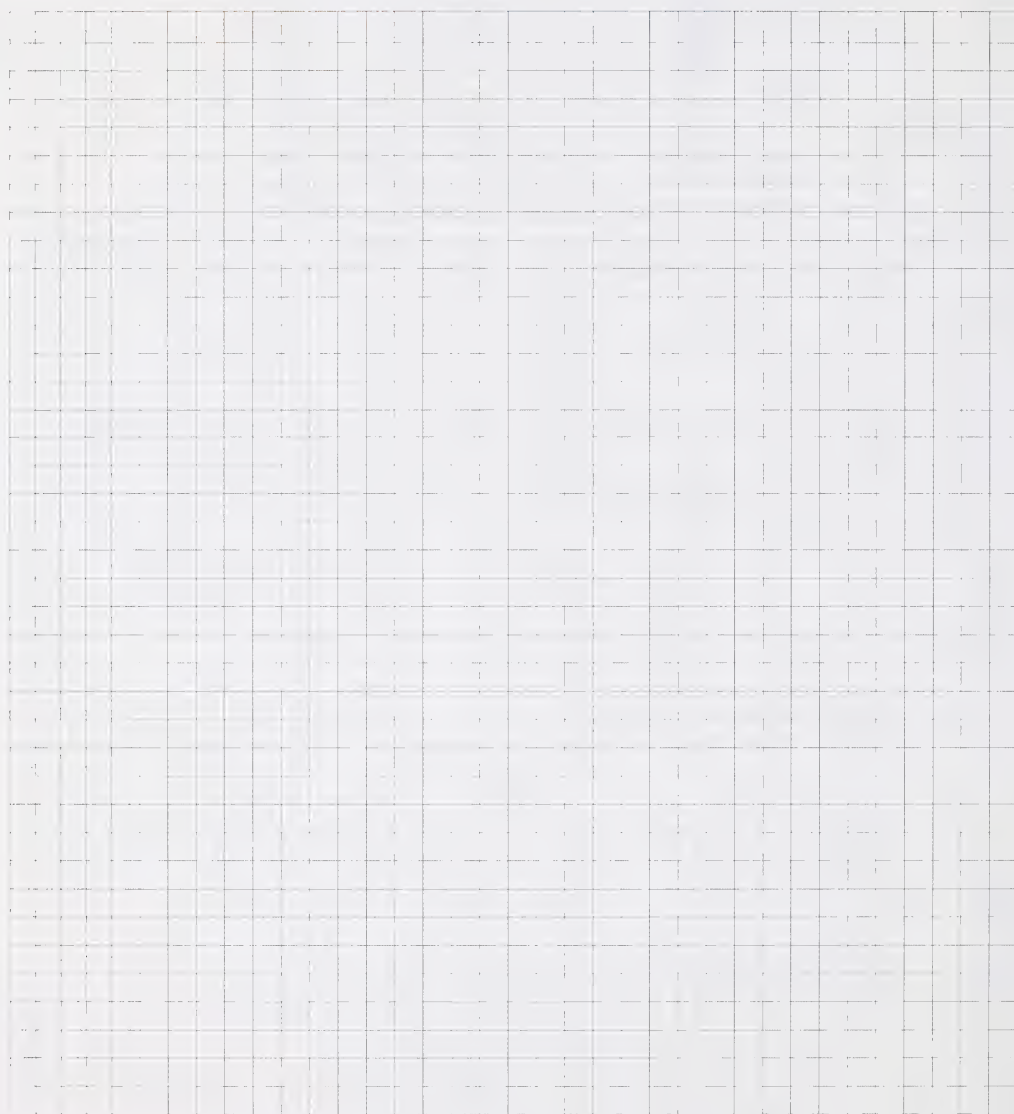
SEPTEMBER 2009

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

5. MM/DD/YY _____

6. DD/MM/YYYY _____

7. YYYY/MM/DD _____



Math 4

Unit B

Test

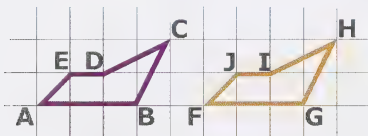
Lessons 1 - 5



1. Are the shapes congruent? _____



For 2 - 5: Identify the corresponding parts of the given congruent figures.

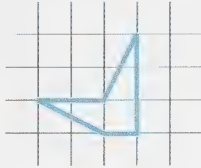


2. **E** corresponds to _____ 3. side **AB** corresponds to side _____
4. **B** corresponds to _____ 5. side **EA** corresponds to side _____
6. Use the grid paper to draw an image congruent to the given shape.

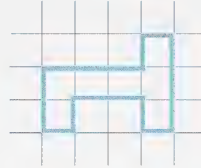


For 7 - 10: Estimate the area of the figures using the grid paper shown.

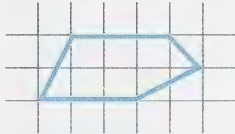
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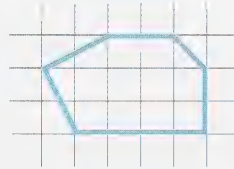
8.



9.



10.



11. Would you measure the wall space of your room in square metres or square centimetres?

For 12 - 13: Create one rectangle that has the given area. Draw and label the sides.

12. 18 square units

13. 12 square units

For 14 - 15: Create as many rectangles as you can for the given area.
Draw each and label the sides.

14. 22 square units

15. 48 square units

16. Complete the other half the figure so that the two halves are symmetric.



For 17 - 19: Draw all the lines of symmetry for each figure below.

17.



18.



19.



For 20 - 21: Is it AM or PM?

20. Lian's family is eating dinner and it is dark outside. _____

21. Daksha and Zach are watching the sun rise. _____

For 22 - 23: What time is displayed on the clock? Describe the time in words and write numeric time.

22.



You would say: _____

You would write: _____

23.



You would say: _____

You would write: _____

For 24 - 26: Name the date on the calendar in these formats:

OCTOBER 2009

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

24. MM/DD/YY _____

25. DD/MM/YYYY _____

26. YYYY/MM/DD _____

Math 4
Unit 3

Quiz 1
Lesson 6

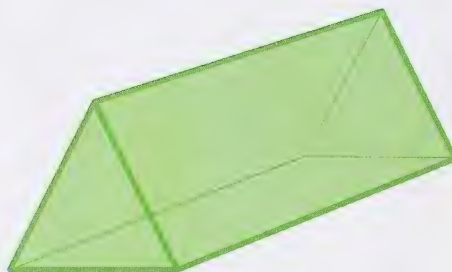


**Identifying
Prisms**

For 1 - 3: Fill in the blank with point, line segment, or polygon.

1. A vertex is a _____.
2. A face is a _____.
3. An edge is a _____.

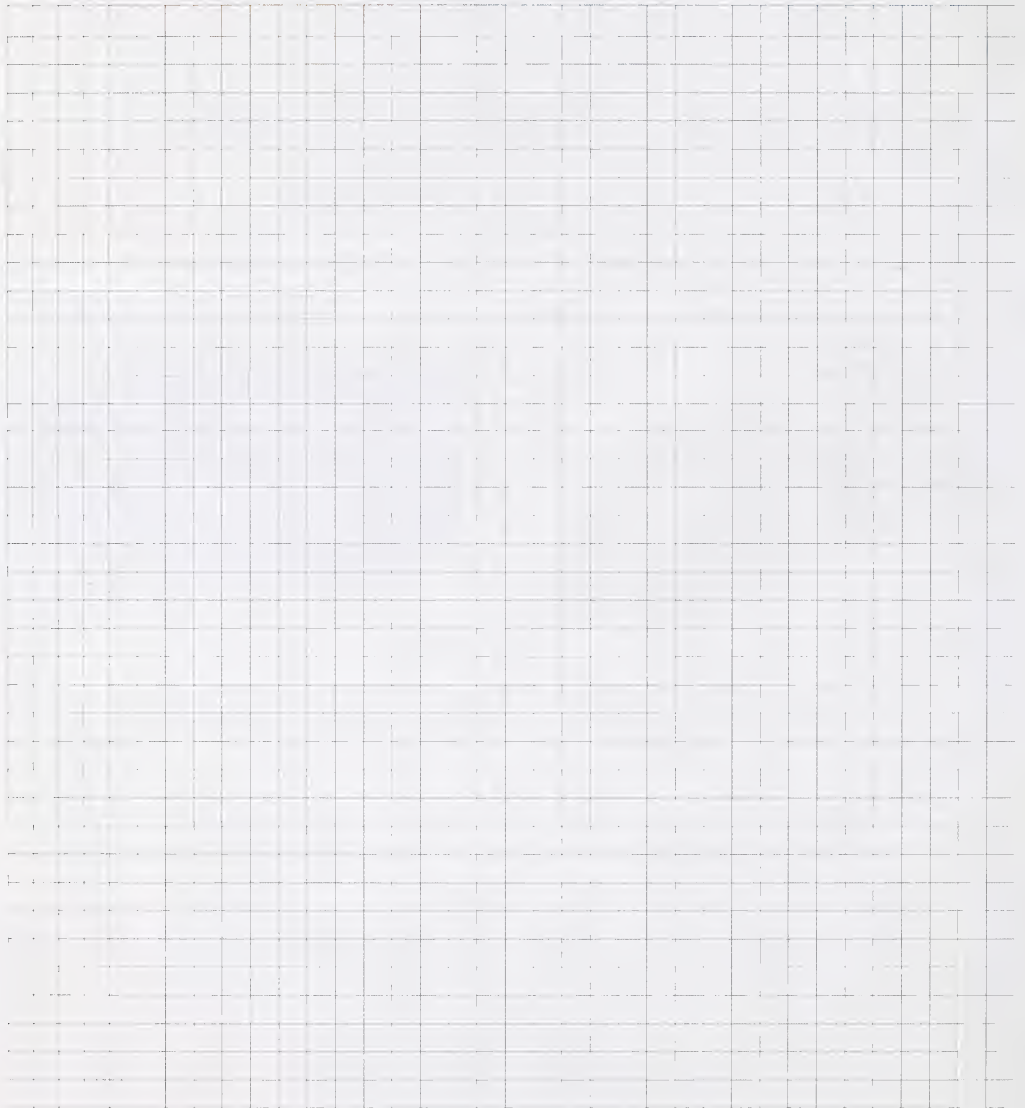
For 4 - 7: Short answer:



4. How many vertices does a rectangular prism have?
5. How many vertices does a triangular prism have?

6. What shape is the base of a triangular prism?

7. Explain how a cube is different from a rectangular prism.



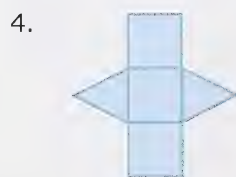
Math **4**
Unit 3

Quiz 1
Lesson 7



**Constructing
Prisms**

For 1 – 5: Label each net as a rectangular prism, a cube, a triangular prism, or not a net.

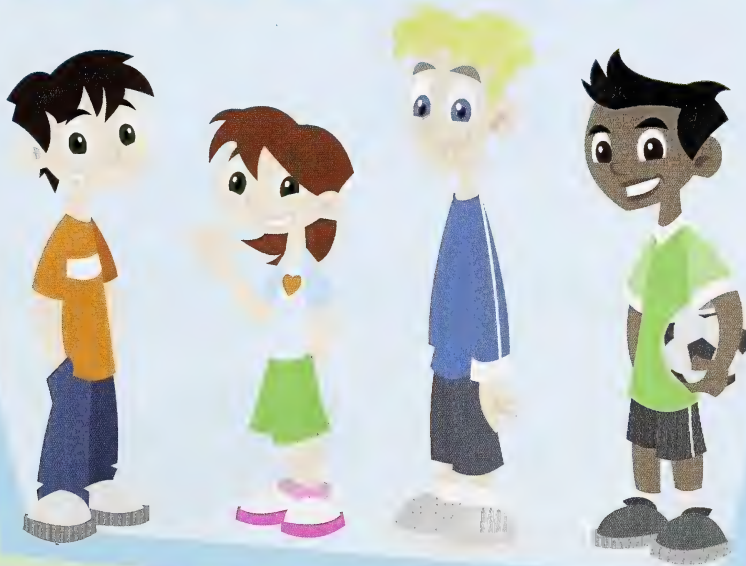


Math 4

Unit 3

Test

Lessons 6 - 7



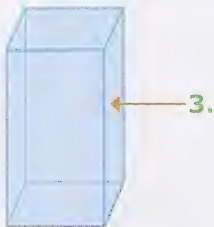
1. What type of prism is shown? _____



2. What type of prism is shown? _____



For 3 - 5: Name the part of the prism that the arrow is pointing to.



3. _____

4. _____

5. _____

6. How many vertices does a rectangular prism have?
7. How many faces does a rectangular prism have?
8. How many edges does a rectangular prism have?
9. What shape is the base of a rectangular prism?
10. How many vertices does a triangular prism have?
11. How many faces does a triangular prism have?
12. How many edges does a triangular prism have?
13. What shape is the base of a triangular prism?

For 14 - 15: Name the figure shown.

14. _____



15. _____



For 16 - 21: Label each net as rectangular prism, cube, triangular prism, or not a net.

16. _____



17. _____



18. _____



19. _____

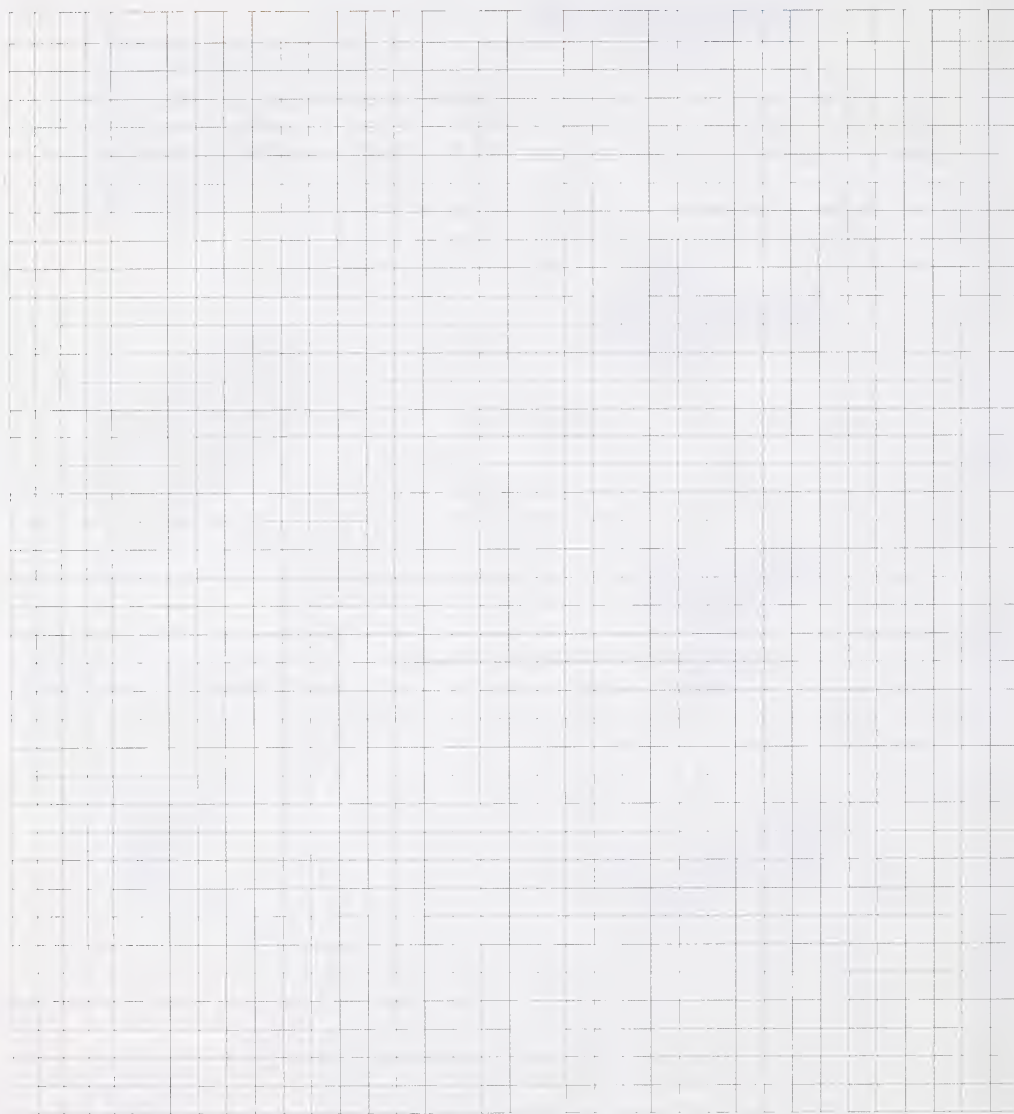


20. _____



21. _____





Math 4

Unit 4

Quiz Lesson

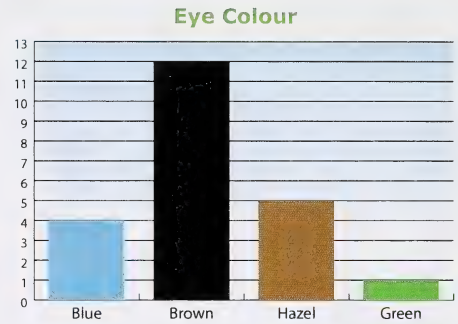
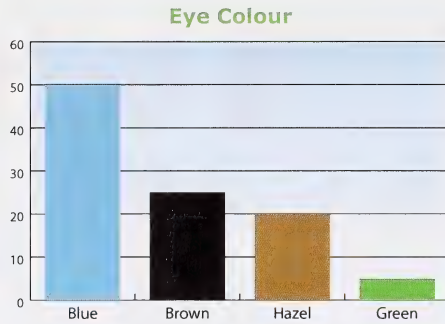


Understanding Graphs

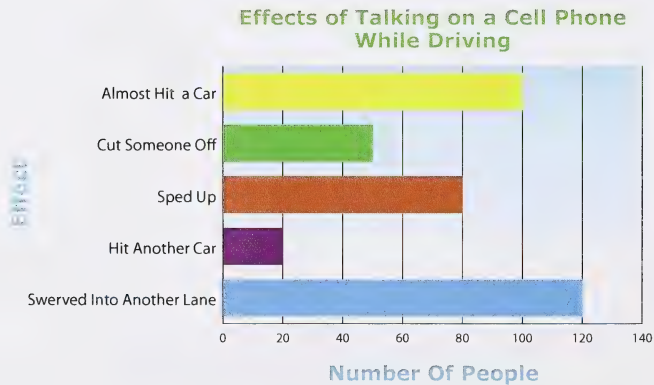
For 1 - 2: How many people are represented by each graph?

1. _____

2. _____



3. What is the scale of this graph? _____

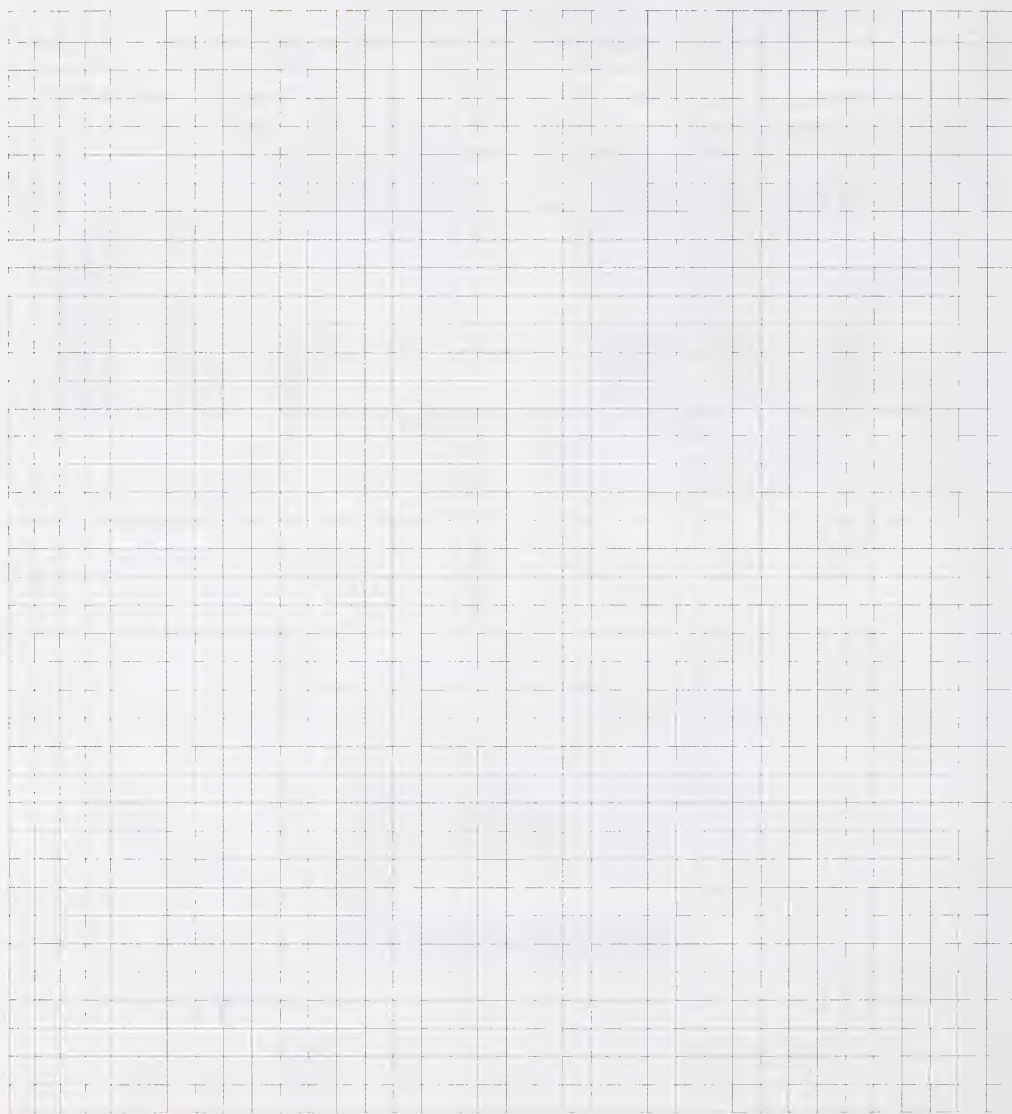


4. What type of graph would be best for this data? _____

Sport	Number of kids
ice hockey	120
baseball	80
figure skating	60
soccer	95

5. What scale would you use to graph this data? _____

Sport	Number of kids
ice hockey	120
baseball	80
figure skating	60
soccer	95



Math 4
Unit 4

Quiz
Lesson 2



**Creating
Graphs**

Create a bar graph for the data using the bar graph template.

100 children were asked what type of pet they had. The following table shows the results:

Animal	Number of Children
Cat	30
Dog	55
Reptile	10
Bird	5



Math 4

Unit 4

Test

Lessons 1 - 2

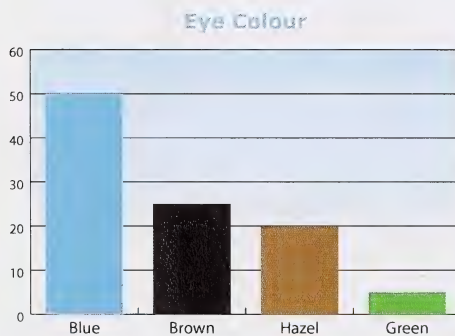


For 1 - 4: Choose an appropriate graph for the data described.

1. The number of each type of bird seen on a zoo trip
2. The ages of people in a neighbourhood, organized in intervals:
0 - 19, 20 - 35, 36 - 50, 51+
3. The height of a plant measured each week for five weeks
4. The number of students that like one of four categories of food

For 5 - 8: What is the scale on each graph shown?

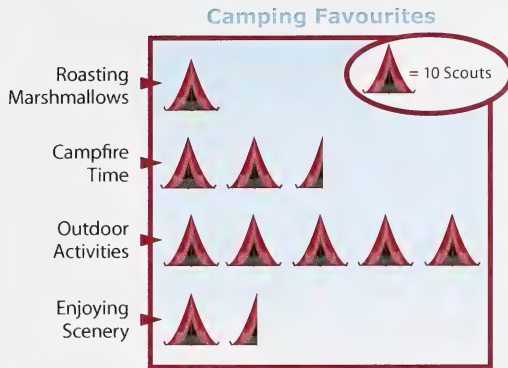
5. _____



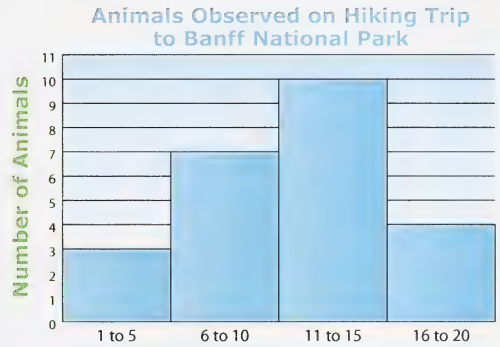
6. _____



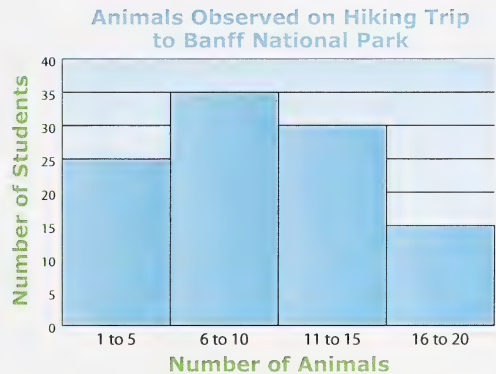
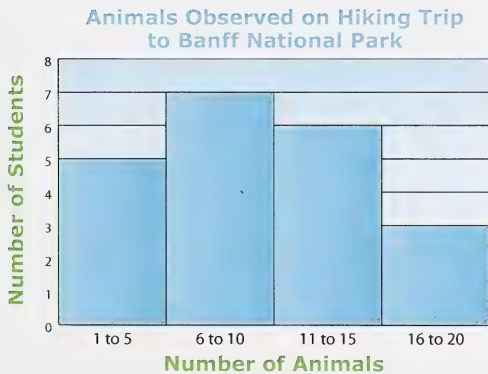
7. _____



8. _____



For 9 - 10: Use the following graphs to answer the questions.



9. How are these graphs the same?

10. How are these graphs different?

11. Make a pictograph for the following:

What is your favourite season of the year?

Season	Number of Votes
Winter	15
Spring	20
Summer	40
Fall	25

12. Make a bar graph for the following using the bar graph template:

What do you most like to read?

Type of Book	Number of Students
Fantasy	10
Mystery	14
Sports	8
Biography	12

